

*H. Elisabeth*

TELEGRAMS: MEYER, HERMANNSTRASSE 19, DUSSELDORF.

# Lloyd's Register of Shipping.

: 1150/1.

Surveyors' Office, DÜSSELDORF.

I certify, that **Karl Hauss.** the undersigned surveyor to this society tested in  
 of **Messrs. Gelsenkirchener Bergwerk-Akt.-Ges.** of **Aachen.**  
**led Siemens Martin** Boilersteel **plates.** specified hereunder, ordered  
**rs. Soc. Anonyme John Cockerill** of **Seraing.**  
 ip No. **562** Boiler No. **963.** and that the results of tests were as are set forth below.

Dimensions. mm.			Intended for	Sample number	Charge- number	Tensile tenacity			Elongation in 200 mm. in %.	Bending tests	
Length.	Breadth.	Thick- ness.				As per rules.	Ord- ered.	By test.		Cold.	Tem- pered.
to sketch	22,5	tube plate	11	2368	41--47	46,4	31	good			
			14	2629	"	45,6	24	"			
			16	"	"	45,7	24	"			
			12	2642	"	44,4	23,5	"			
700	815	18	comb.ch.back.	17	2577	44,7	24	"			
			"	31	2503	45	24	"			
			comb.ch.sides	3	2638	46,4	23	"			
			"	13	"	44,9	25	"			
900	825	24	comb.ch.top.	2	2638	45,3	24	"			
			to sketch	27	2629	43,4	26,5	"			
			22,5	38	2782	42,1	33	"			
			"	39	"	42,5	33,5	"			
to sketch	22,5	tube plate	14	2629	"	45,6	24	"			
			"	16	"	45,7	24	"			
			"	19	"	44,0	23,5	"			
			18	comb.ch.back.	32	2666	42,2	28	"		
5160	810	17	"	6	2638	45,5	28	"			
			"	7	"	44,8	23	"			
			"	18	2629	43,9	31	"			
			comb.ch.sides	36	2782	43	30,5	"			
1510	815	24	"	37	"	42,2	32	"			
			"	1	2642	44	32	"			
			"	8	2642	43,3	28	"			
			comb.ch.top.	20	2629	45,5	24	"			
860	360	21	Comb.ch.dogs	20	"	43,6	26	"			
			"	24	2621	44--	41--	41,7	28		
			"	4	2629	50	47	"			
			"	9	"	"	"	43,6	23		
to sketch	22,5	tube plate	"	"	"	42,6	29	"			
			"	"	"	"	"	"			

005377-005386-0202 1/2

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:-  
 While the Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood  
 neither the Committee nor the Society are under any circumstances whatever to be held responsible for any inaccuracy in any report  
 or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error  
 of omission, default, or negligence of the Surveyors, or other Officers or Agents of the Society.  
 Material with less than 26 Tons tensile strength may not be used in the construction of boilers for classed vessels, unless specially  
 sanctioned by the Committee.  
 1 Ton per square inch = 1,574 Kilo per square millimeter. 1 Kilo per square millimeter = 0,635 Tons per square inch.

Lloyd's Register  
 Foundation



John Cockerill. Seraing. Ship No:562. Boiler No: 963 1--6. Comm:1150/1.

Dimensions.			Intended for	Sample number	Charge number	Tensile tenacity			Elongation in 200 mm. in %.	Bending tests		Remarks.
Length.	Breadth.	Thick-ness.				As per rules.	Ord-ered.	By test.		Cold.	Tem-pered.	
860	360	21	comb. ch. dogs	22	2621	44-	41-	45	25	good		x
"	"	"	"	33	"	50	47					x
"	"	"	"	33	"	"	"	43,1	25	"		x
1300	280	21	comb. ch.pl.	4	2629	41--	47	43,6	23	"		
840	520	38	manhole cov.	15	2638	"	"	43,5	27	"		
920	560	"	"	15	"	"	"	43,5	27	"		
to sketch	18,75	"	morison furn.	5	2621	"	"	43,1	23,5	"		
"	"	"	"	21	2605	"	"	43,8	23	"		
"	"	"	"	21	"	"	"	44,0	28	"		
"	"	"	"	23	"	"	"	44,1	24	"		
"	"	"	"	23	"	"	"	44,7	23	"		
"	"	"	"	25	"	"	"	43,5	24,5	"		
"	"	"	"	25	"	"	"	44,8	23	"		
"	"	"	"	26	2621	"	"	43,9	25	"		
"	"	"	"	26	"	"	"	45,1	23,5	"		
"	"	"	"	28	2605	"	"	43,5	26	"		
"	"	"	"	28	"	"	"	44,7	23	"		
"	"	"	"	29	2621	"	"	42,5	25	"		
"	"	"	"	29	"	"	"	44,6	25	"		
"	"	"	"	30	2605	"	"	42,5	24,5	"		
"	"	"	"	30	"	"	"	46,4	23,5	"		
"	"	"	"	34	2704	"	"	43,2	25	"		
"	"	"	"	35	2605	"	"	44,0	32	"		
"	"	"	"	35	"	"	"	41,9	33	"		
Chaudronneries.												
310	2342	12	plate	1	2642	41--	44,9	25,5		"		
						47.						

Düsseldorf. 7 th.of September.1919.

*Karl Hauff*

Material marked thus: x has been  
special requirements deviating  
rules and may not be used in the  
on of boilers for classed vessels  
dially sanctioned by the committee.



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005377-005386-0202 2/2